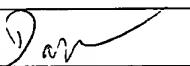


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-014002	Application No. 09/909,460
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lynn B. Lunsford et al.	RECEIVED OCT 21 2002
		Filing Date July 18, 2001	Group Art Unit 1632 TECH CENTER 1600/2900
37 CFR § 1.56(b)			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
AB	AB	WO 94/04121	03/03/1994	PCT				
AC	AC	WO 97/03702	02/06/1997	PCT				
AD	AD							

Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner Initial	Desig. ID	Document						
AE	AE	Partidos et al., "Biodegradable Microparticles as a Delivery System for Measles Virus Cytotoxic T Cell Epitopes," MOLECULAR IMMUNOLOGY 33(6):485-491 (1996)						
AF	AF							

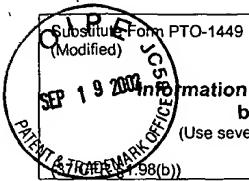
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U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
08191-014002Application No.
09/909,460Applicant
Lynn B. Lunsford et al.Filing Date
July 18, 2001Group Art Unit
1633

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
(N)	AA	3,520,970	07/21/1970	Lehmann et al.	424	25	
	AB	3,523,906	08/11/1970	Vrancken et al.	252	316	
	AC	3,737,337	06/05/1973	Schnoring et al.	117	100	
	AD	3,775,537	11/27/1973	Lehmann et al.	424	21	
	AE	3,821,422	06/28/1974	Morse et al.	426	72	
	AF	3,835,221	09/10/1974	Fulberth et al.	424	20	
	AG	3,860,733	01/14/1975	Morse et al.	426	302	
	AH	3,943,063	03/09/1976	Morishita et al.	252	316	
	AI	3,954,959	05/04/1976	Pedersen	424	21	
	AJ	3,972,999	08/03/1976	Tsuk	424	78	
	AK	4,016,254	04/05/1977	Seager	424	33	
	AL	4,083,949	04/11/1978	Benedikt	424	19	
	AM	4,182,778	01/08/1980	Hall et al.	426	72	
	AN	4,262,090	04/14/1981	Colby, Jr. et al.	435	91	
	AO	4,293,539	10/06/1981	Ludwig et al.	424	19	
	AP	4,321,253	03/23/1982	Beatty	424	35	
	AQ	4,384,975	05/24/1983	Fong	427	213.36	
	AR	4,462,839	07/31/1984	McGinley et al.	106	198	
	AS	4,518,433	05/21/1985	McGinley et al.	106	180	
	AT	4,623,588	11/18/1986	Nuwayser et al.	428	402.24	
	AU	4,637,905	01/20/1987	Gardner	264	4.3	
	AV	4,741,872	05/03/1988	De Luca et al.	264	4.7	
	AW	4,818,542	04/04/1989	DeLuca et al.	424	491	
	AX	4,897,268	01/30/1990	Tice et al.	424	422	
	AY	5,075,109	12/24/1991	Tice et al.	424	88	
	AZ	5,084,553	01/28/1992	Hess et al.	528	361	
	AAA	5,100,669	03/31/1992	Hyon et al.	424	426	

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Substitute Form PTO-1449 (Amended)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 08191-014002	Application No. 09/909,460
				Applicant Lynn B. Lunsford et al.	
				Filing Date July 18, 2001	Group Art Unit 1633

U.S. Patent Documents							
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JP	ABB	5,126,147	06/30/1992	Silvestri et al.	424	497	
	ACC	5,160,745	11/03/1992	DeLuca et al.	424	487	
	ADD	5,180,765	01/19/1993	Sinclair	524	306	
	AEE	5,279,708	01/18/1994	Wood et al.	159	48.1	
	AFF	5,279,833	01/18/1994	Rose	424	450	
	AGG	5,354,556	10/11/1994	Sparks et al.	424	419	
	AHH	5,366,733	11/22/1994	Brizzolara et al.	424	426	
	AII	5,407,609	04/18/1995	Tice et al.	264	46	
	AJJ	5,413,797	05/09/1995	Khan et al.	424	489	
	AKK	5,417,986	05/23/1995	Reid et al.	424	499	
	ALL	5,460,831	10/24/1995	Kossovsky et al.	424	493	
	AMM	5,531,925	07/02/1996	Landh et al.	252	299.01	
	ANN	5,552,155	09/03/1996	Bailey et al.	424	450	
	AOO	5,580,859	12/03/1996	Felgner et al.	514	44	
	APP	5,589,466	12/31/1996	Felgner et al.	514	44	
	AQQ	5,622,649	04/22/1997	Hunter et al.	252	309	
	ARR	5,622,657	04/22/1997	Takada et al.	264	4.32	
	ASS	5,639,473	06/17/1997	Grinstaff et al.	424	450	
	ATT	5,648,096	07/15/1997	Gander et al.	424	489	
	AUU	5,650,173	07/22/1997	Ramstack et al.	424	489	
	AVV	5,651,990	07/29/1997	Takada et al.	424	497	
	AWW	5,652,283	07/29/1997	Boeckh et al.	524	47	
	AXX	5,656,297	08/12/1997	Bernstein et al.	424	484	
	AYY	5,656,469	08/12/1997	Tresco et al.	435	182	
	AZZ	5,662,938	09/02/1997	Vert et al.	424	501	
	AAAA	5,665,383	09/09/1997	Grinstaff et al.	488	804	
	ABBB	5,690,954	11/25/1997	Illum	424	434	

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Substitute Form PTO-1449
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U.S. Department of Commerce
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Attorney's Docket No.
08191-014002

Application No.
09/909,460

**Information Disclosure Statement
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(37 CFR § 1.98(b))

Applicant
Lynn B. Lunsford et al.

Filing Date
July 18, 2001

Group Art Unit
1633

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Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
PN	ACCC	5,700,486	12/23/1997	Canal et al.	424	501	
	ADDD	5,723,269	03/03/1998	Akagi et al.	424	497	
	EEEE	5,739,118	04/14/1998	Carrano et al.	514	44	
	AFFF	5,783,567	07/21/1998	Hedley et al.	514	44	
	AGGG	5,792,366	08/11/1998	Coville	210	734	
	AHHH	5,811,128	09/22/1998	Tice et al.	424	501	
	AIII	5,814,344	09/29/1998	Tice et al.	424	501	
	AJJJ	5,820,883	10/13/1998	Tice et al.	424	501	
	AKKK	5,853,752	12/29/1998	Unger et al.	424	450	
	ALLL	5,853,763	12/29/1998	Tice et al.	424	489	
	AMMM	5,879,712	03/09/1999	Bomberger et al.	424	489	
	ANNN	5,879,713	03/09/1999	Roth et al.	424	489	
	AOOO	5,879,920	03/09/1999	Dale et al.	435	187	
	APPP	5,919,408	07/06/1999	Muller et al.	264	5	
	AQQQ	5,889,110	03/30/1999	Hutchinson	525	54.1	
	ARRR	5,945,126	08/31/1999	Thanoo et al.	424	489	
	ASSS	5,962,428	10/05/1999	Carrano et al.	514	44	
	ATTT	5,965,434	10/12/1999	Wolff et al.	435	320.1	
	AUUU	6,013,284	01/11/2000	Samain et al.	424	490	
	AVVV	6,025,337	02/15/2000	Truong et al.	514	44	
	AWWW	6,096,331	08/01/2000	Desai et al.	424	422	
	AXXX	6,159,502	12/12/2000	Russell-Jones et al.	424	422	
	AYYY	6,248,270 B1	06/19/2001	Tani et al.	264	36.1	
	AZZZ	6,312,727 B1	11/06/2001	Schacht et al.	424	490	
	AAAAA	6,312,731	11/06/2001	Staas et al.	424	501	
	BBBBB	6,322,789 B1	11/27/2001	Vitiello et al.	424	189.1	

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U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
08191-014002Application No.
09/909,460Information Disclosure Statement
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(37 CFR 1.66(b))

Applicant
Lynn B. Lunsford et al.Filing Date
July 18, 2001Group Art Unit
1633

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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ACCCCC	0257915	03/02/1988	EPO					
ADDDDD	WO 88/01213	02/25/1998	PCT					
AEEEEEE	WO 88/08300	11/03/1988	PCT					
AFFFFF	WO 90/11092	10/04/1990	PCT					
AGGGGG	WO 90/13361	11/15/1990	PCT					
AHHHHH	WO 91/11092	07/25/1991	PCT				Abs.	
AIIIII	WO 91/19487	12/26/1991	PCT					
AJJJJJ	WO 92/06666	04/30/1992	PCT				Abs.	
AKKKKK	WO 93/19183	09/30/1993	PCT					
ALLLLL	WO 94/04171	03/03/1994	PCT					
AMMMMM	WO 94/04260	03/03/1994	PCT				Abs.	
ANNNNN	WO 94/09898	05/11/1994	PCT				Abs.	
AOOOOO	WO 94/18954	09/01/1994	PCT					
APPPP	WO 94/23699	10/27/1994	PCT					
AQQQQ	WO 94/23738	10/27/1994	PCT					
ARRRR	WO 94/28873	12/22/1994	PCT					
ASSSSS	WO 94/28874	12/22/1994	PCT					
ATTTTT	WO 95/03356	02/02/1995	PCT					
AUUUUU	WO 95/03357	02/02/1995	PCT					
AVVVVV	WO 95/05853	03/02/1995	PCT					
AWWWWW	WO 95/07072	03/16/1995	PCT				Abs.	
AXXXX	WO 95/17167	06/29/1995	PCT				Abs.	
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AAAAAA	WO 95/21931	08/17/1995	PCT					
BBBBBB	WO 95/24929	09/21/1995	PCT					
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-014002	Application No. 09/909,460
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.88(b))		Applicant Lynn B. Lunsford et al.	
		Filing Date July 18, 2001	Group Art Unit 1633

Foreign Patent Documents or Published Foreign Patent Applications

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Q	AEEEEEE	WO 95/35097	12/28/1995	PCT				
	AFFFFF	WO 96/00295	01/04/1996	PCT				
	AGGGGG	WO 96/11671	04/25/1996	PCT				
	AHHHHH	WO 96/20698	07/11/1996	PCT				
	AIIIII	WO 96/29998	10/03/1996	PCT				
	AJJJJJ	WO 96/36317	11/21/1996	PCT				
	AKKKKK	WO 97/17063	05/15/1997	PCT				
	ALLLLL	WO 97/36578	10/09/1997	PCT				
	AMMMMM	WO 97/42940	11/20/1997	PCT				
	ANNNNN	WO 98/31346	23.07.1998	PCT				
	AOOOOC	WO 98/31398	07/23/1998	PCT				
	APPPPP	WO 98/35654	08/20/1998	PCT				
	AQQQQC	WO 98/51279	11/19/1998	PCT				
	ARRRRR	WO 99/58112	11/18/1999	PCT				
	ASSSSS	WO 00/03660	27.01.2000	PCT				
	ATTTTT	0 027 662 A1	04/29/1981	EPO			Abs.	
	AUUUUU	122 036	10/17/1984	EPO				
	AVVVVV	0 127 713 B1	12/12/1984	EPO				
	WWWWWW	145 240	06/19/1985	EPO				
	AXXXXXX	0 161 640 A2	11/21/1985	EPO				
	YYYYYY	0 179 023 B1	04/23/1986	EPO			Abs.	
	AZZZZZ	248 531	12/09/1987	EPO				
	AAAAAA	0 250 038 A2	12/23/1987	EPO				
	ABBBBBB	0 258 749 A2	03/09/1988	EPO				
	ACCCCCC	266 119	05/04/1988	EPO				
	ADDDDD	0 302 582 B2	02/08/1989	EPO				
	AEEEEEE	0 330 180 B2	08/30/1989	EPO				

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Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Lynn B. Lunsford et al.	
SEP 19 2002 (37 CFR §1.95(b))		Filing Date July 18, 2001	Group Art Unit 1633

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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
PF	AFFFFF	0 333 523 B1	09/20/1989	EPO				
	AGGGGG	0 334 062 A2	09/27/1989	EPO				
	AHHHHH	0 374 531 A2	06/27/1990	EPO				
	AIIIII	0 451 390 A1	10/16/1991	EPO				
	AJJJJJ	0 451 391 A1	10/16/1991	EPO				
	AKKKKK	467 389	01/22/1992	EPO				
	ALLLLL	0 471 036 B1	02/19/1992	EPO				
	MMMMMM	0 475 178 A1	03/18/1992	EPO				
	ANNNNN	0 531 497 B1	03/17/1993	EPO				
	AOOOOO	635 261	01/25/1995	EPO				
	APPPPP	706 792	04/17/1996	EPO				
	AQQQQQ	0 737 750 A2	10/16/1996	EPO				
	ARRRRR	076211A1	12/03/1997	EPO				
	ASSSSSS	2 185 979	08/05/1987	UK				
	ATTTTT	FR 2660556	11/10/1991	France				
	AUUUUU	GB 2,147,501	05/15/1985	United Kingdom				
	AVVVVV	CA 2,126,685	10/18/1993	Canada				

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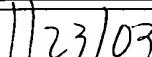
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PF	AWWWWWW	Alexakis, T. et al., "Microencapsulation of DNA With Alginete Microspheres and Crosslinked Chitosan Membranes for in Vivo Application," <i>Appl. Biochem. Biotech.</i> 50:93-106 (1995).
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	AYYYYYYY	Alpa et al., "Potential of Particulate Carriers for the Mucosal Delivery of DNA Vaccines", <i>Biochemical Society Transactions</i> , 25:337S, 1997
	AZZZZZZ	Amagai et al., "Autoantibodies against a Novel Epithelial Cadherin in Pemphigus Vulgaris, a Disease of Cell, Adhesion," <i>Cell</i> , 67:869-877, 1991
	AAAAAAA	Anderson, "Human gene therapy," <i>Nature</i> 392:25-30, 1998
	ABBBBBBB	Bodmier et al., "The Preparation and Evaluation of Drug-Containing Poly(dl-lactide) Microspheres Formed by the Solvent Evaporation Method," <i>Pharmaceutical Research</i> , 4:465, 466, 471, 1987

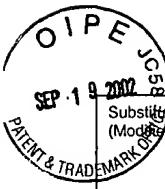
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Substitute Form PTO-1449 (Planned)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08191-014002	Application No. 09/909,460
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small> <small>(37 CFR 1.98(b))</small>		Applicant Lynn B. Lunsford et al.	
		Filing Date July 18, 2001	Group Art Unit 1633

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	ACCCCCC	Brown, "Genetchnologie für Einsteiger"
	ADDxDDDD	Chang, "Biodegradable Semipermeable Microcapsules Containing Enzymes, Hormones, Vaccines, and Other Biologicals," <u>Journal of Bioengineering</u> , 1, pp 25-32 (1976)
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	AFFFFFFF	Chen et al., "Protective Immunity Induced...Encapsulated in Microparticles", <u>Journal of Virology</u> , Vol. 72, No. 7, July 1998, pp 5757-5761.
	AGGGGGGG	Cowsar et al., "Poly(lactide-co-glycolide) Microcapsules for Controlled Release of Steroids," <u>Methods in Enzymology</u> , 112, pp 101-117 (May 1985)
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	AIIIIIII	Eidridge et al., "Biodegradable and Biocompatible...Toxin-Neutralizing Antibodies", <u>Infection and Immunity</u> , Vol. 59, No. 9 Sept. 1991 pp 2978-2986.
	AJJJJJJJ	Eidridge et al., "Controlled Vaccine...Microspheres Target The Peyer's Patches", <u>Journal of Controlled Release</u> , Vol. 11, Nos. 1-3, 1990, pp 205-214.
	AKKKKKKK	Eppstein and Longenecker, "Alternative Delivery...Proteins As Drugs", <u>CRC Critical Review in Therapeutic Drug Carrier Systems</u> , Vol. 5, Issue 2, pp 99-139 (1988).
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	AMMMMMMM	Florence, "The Oral...Nor Usual", <u>Pharm. Res.</u> , Vol. 14, No. 3, 1997, pp 259-266.
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	ASSSSSSS	Jacobs et al., "High-Level Expression of...Protection Elicited in a Murine Model", <u>J. Virol.</u> Vol. 66, No. 4, April 1992, pp 2086-2095.
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Information Disclosure Statement
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Applicant
Lynn B. Lunsford et al.Filing Date
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W	AZZZZZZZ	Jones et al., "Poly(lactide-co-glycolide)...vaccine antigens", <u>J. Biotech.</u> , Vol. 44, Nos. 1-3, 26 January 1996, pp 29-36.
	AAAAAAAAAA	Jones et al., "Protection of mice...pertussis fimbriae", <u>Vaccine</u> , Vol. 13, No. 7, 1995, pp 675-681.
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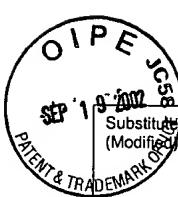
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Applicant
Lynn B. Lunsford et al.

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